

# An emerging threat: Drug mix of xylazine, fentanyl

April 12 2023, by Geoff Mulvihill

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Dr. Rahul Gupta, the director of the White House Office of National Drug Control Policy, walks outside of the White House, Nov. 18, 2021, in Washington. The U.S. has named a veterinary tranquilizer as an “emerging threat” when it is mixed with the opioid fentanyl, clearing the way for more efforts to stop the spread of xylazine and develop an antidote. The Office of National Drug Control Policy announced the designation Wednesday, April 12, 2023. Credit: AP Photo/Alex Brandon, File

The U.S. has named a veterinary tranquilizer as an "emerging threat" when it's mixed with the powerful opioid fentanyl, clearing the way for more efforts to stop the spread of xylazine.

The Office of National Drug Control Policy announced the designation Wednesday, the first time the office has used it since the category for fast-growing drug dangers was created in 2019.

Dr. Rahul Gupta, director of the drug policy office, said xylazine (pronounced ZAI'-luh-zeen) has become increasingly common in all regions of the country.

It was detected in about 800 drug deaths in the U.S. in 2020, most of them in the Northeast. By 2021, it was present in more than 3,000 fatalities—with the most in the South—according to a report last year from the Drug Enforcement Administration.

"We cannot ignore what we're seeing," Gupta said. "We must act and act now."

Xylazine was approved for veterinary use in 1971. Sometimes known as "tranq," it has been showing up in supplies of illicit drugs used by humans in major quantities in only the last several years.

It is believed to be added to other drugs to increase profits. Officials are trying to understand how much of it is diverted from veterinary uses and how much is made illicitly.

The drug causes breathing and heart rates to slow down, sometimes to deadly levels, and causes skin abscesses and ulcers that can require amputation. Withdrawal is also painful.

While it is often used in conjunction with opioids, including fentanyl and

related illicit lab-made drugs, it's not an opioid. And there are no known antidotes.

Gupta said his office is requesting \$11 million as part of its budget to develop a strategy to tackle the drug's spread. Plans include developing an antidote, learning more about how it is introduced into illicit drug supplies so that can be disrupted, and looking into whether Congress should classify it as a controlled substance.

Gupta said it needs to be available for veterinary uses even amid crackdowns on the supply used by people. He also said systems to detect the drug and data about where it's being used need to be improved.

The Drug Policy Alliance, a group that advocates for reducing the harm done by drugs, applauds parts of the Biden administration's plan, including looking for antidotes to reverse overdoses and developing quick tests to determine whether xylazine is present. But the group is wary of trying to stop it through law enforcement action. It asserts that crackdowns on prescription opioids and heroin created the condition for fentanyl and now xylazine to overtake some drug markets.

"Focusing on supply-side interdiction will only dig us deeper into this crisis and inevitably result in more loss of life," Maritza Perez Medina, director of the group's office of federal affairs, said in a statement.

The drug is part of an [overdose crisis](#) plaguing the U.S.

The U.S. Centers for Disease Control and Prevention estimates that more than 107,000 people died from overdoses in the 12 months that ended Nov. 30, 2022. Before 2020, the number of overdose deaths had never topped 100,000.

Most of the deaths were linked to fentanyl and other synthetic opioids.

Like xylazine, they are often added to other drugs—and users don't always know they are getting them.

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Correction note: This story was initially published on April 12. It was updated on April 13 to correct that the Drug Policy Alliance advocates for reducing the harm done by drugs.

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